IN THE CLAIMS:

1.   (Currently Amended) An access system comprising:

a server automatic control equipment, at least one mobile device, ~~and~~ or at least one client automatic control equipment, wherein each of said mobile device, said client automatic control equipment and said server automatic control equipment ~~comprising~~ comprises a transmission/reception means connected to a communication means for transmitting and receiving messages on a wireless proximity network using radio waves, wherein

each of said server communication means, said mobile communication means and said client communication means comprises a link mechanism in compliance with the Bluetooth protocol for linking said server communication means with either said mobile communication means or said client communication means, to supply control, display and monitoring functions of the server automatic control equipment to the mobile device or to the client automatic control equipment, wherein

the link mechanism comprises:

a detection means for detecting presence of at least one server automatic control equipment, a description means for querying identification of said detected server automatic control equipment, and

a service means for communicating with said identified server automatic control equipment.

2. (Previously Presented) The access system according to claim 1, further comprising a server internal memory containing information relating to the server automatic control equipment, wherein the client communication means or the server communication means has access to the server internal memory.

3. (Previously Presented) The access system according to claim 2, wherein said client automatic control equipment comprises server communication means and client communication means, for performing a server function and a client function.

4.   (Previously Presented) The access system according to claim 2, wherein the server communication means of a server automatic control equipment is for waiting for and receiving a detection query sent by at least one mobile device or at least one client automatic control equipment on the proximity network.

5.   (Previously Presented) The access system according to claim 4, wherein the server communication means is for generating a detection response used to signal presence of the server communication means to the mobile device or the client automatic control equipment, following reception of a detection query sent from the mobile device or from the client automatic control equipment.

6.   (Previously Presented) The access system according to claim 2, wherein the client communication means of a client automatic control equipment is for transmitting detection queries across the proximity network to detect the presence of at least

one server automatic control equipment within the proximity network.

7. (Previously Presented) The access system according to claim 6, wherein the client communication means is for transmitting detection queries at regular intervals or at the initiative of an application program running in the client automatic control equipment.

8. (Previously Presented) The access system according to claim 5, wherein the server communication means is for responding to a description query transmitted by the mobile device or by the client automatic control equipment by returning a description response comprising an identification and authentication of the server automatic control equipment and a list of services offered by the server automatic control equipment.

9.   (Previously Presented) The access system according to claim 8, wherein the server automatic control equipment is for exchanging messages with the mobile device via the proximity network when the link mechanism establishes a link, so that a user of the mobile device can perform control, display and monitoring functions of the server automatic control equipment.

10.   (Previously Presented) The access system according to claim 8, wherein the server automatic control equipment is for exchanging messages with the client automatic control equipment via the proximity network when the link mechanism establishes a link, so that an application program running in the client automatic control equipment can perform control, display and monitoring functions of the server automatic control equipment.

11.   (Cancelled)